

Implementing the Georgia Tech Strategic Plan

Executive Round Table
With Dr. G. Wayne Clough
President, Georgia Tech
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The Strategic Plan of Georgia Tech

Defining the Technological University of the 21st Century



“The mission of Georgia Tech reflects a commitment to the state of Georgia to shape futures through innovation in all areas of endeavor.”

The Strategic Plan

Strategic Plan Focuses on 7 Areas

1. Student-focused education
2. Diverse community
3. Intelligent development of effective information and educational technology
4. Enhanced research enterprise
5. Expanded local, regional, global outreach
6. Supportive, collaborative, effective administrative structure
7. Campus environment to match Institute aspirations

Three Areas for Discussion:



1. Student-focused education

2. Diverse community



3. Effective educational technology

1. Student-focused Education

Undergraduate Research Initiative

Christyn Magill's research assignment: study replacement tissues for articular cartilage by designing and building a machine that mimics a joint, then conducting experiments on it.

She presents the results of her research last October to the Biomedical Engineering Society.



1. Student-focused Education

A Building With Vision



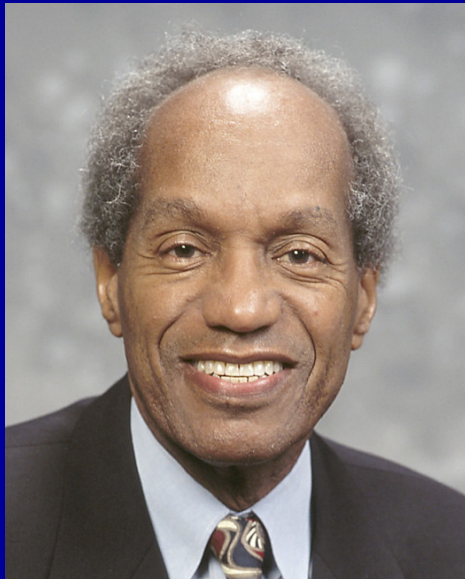
- Experiential, technological labs and classrooms for core science classes.
- Information Commons with electronic access to library, instructional resources.
- Hub of academic support services for undergraduates.
- Center of educational innovation and improvement of teaching skills for faculty and teaching assistants.

1. Student-focused Education

Student Leadership Initiative

“The first responsibility of a leader is to define reality. The last is to say thank you. In between, the leader is a servant.”

Max DePree
The Art of Leadership



Dr. Arnold F. Stancell
Turner Servant Leadership Chair

1. Student-focused Education

Midterm Progress Report



1. Student-focused Education

- 100% of academic faculty involved in undergrad education.
- Support and mentoring to improve teaching.
- Academic and other support services to help students succeed.
- Student leadership program.
- During undergraduate years: 50% engage in research; 50% gain international experience.
- Help students understand that they have the ultimate responsibility for their education.

2. Diverse Community

2 Dozen Programs

Encourage
interest in
math and
science in
K-12



Provide
student
support



Recruit outstanding
minority students

2. Diverse Community

Our Efforts Earn Recognition

No. 1 in graduating
African American and
female engineers at all
degree levels.



EVE Award for
diversity training
programs.

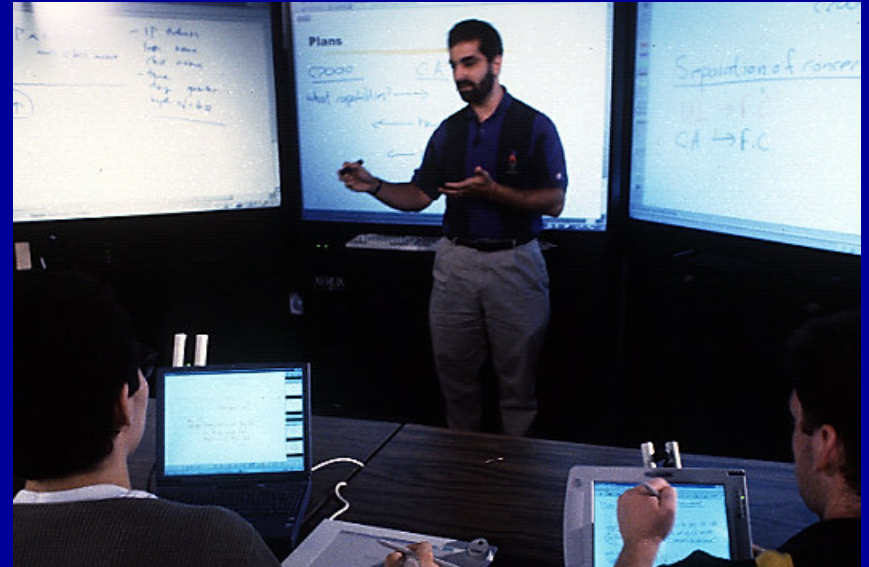
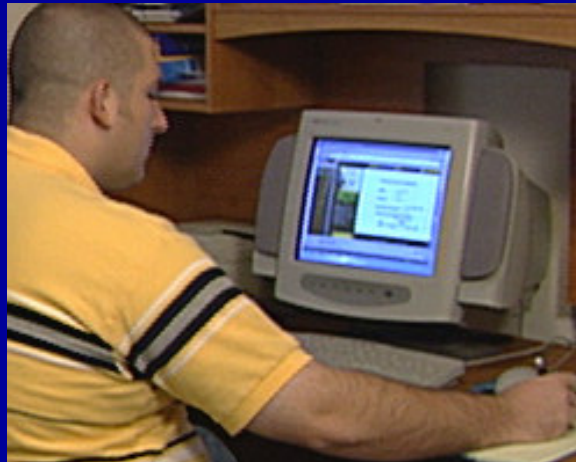
2. Diverse Community

- Incentives, student services, and mentoring programs to recruit and retain minority and female students and faculty.
- Opportunities for diverse learning experiences inside and outside of class.
- Increase minority students to 40%, female students to 35%.
- Increase tenured minority and female faculty by 50%.

3. Educational Technology

Putting Technology to Work

Required
computer
initiative



The e-classroom



The online classroom

3. Education Technology

Award-Winning Applications



CoWebs



Griffith in
Context

3. Effective Educational Technology

- Strengthen our position as leader.
- Build ubiquitous wireless campus environment.
- Use technology to enhance the education experience of students on campus as well as for distance learning.
- Evaluate the impact of technology on the learning process to ensure improvement.

Questions for Discussion

- Are these the right goals for each of the 3 thrust areas?
- What should we be doing to achieve them?
- How will we know when we've achieved a student-focused education, diverse community and effective use of educational technology?